* Structured Chart Technique: There are 2 Structured char Technique: 1) HIPO diagram
2) Warnier Orr diagram 1) HIPO chart is sold all and - Hierarchical Input Process Output - HIPO Chart, is commonly use tool for developing System s/w and also used in documenting Information. - Hereo client aread of som for to to decon a It emphasize on functions of system rather than Structure, logic or organisation. It consist of 2 type of diagram: i) VTOC [Visual Table of Contents]
ii) IPO [Input Process Output]

	i) VTOC:
	4 110 most 1271) 3 m 2003 state
_	VTOC diagram break the System or program down into increasingly details level.
	down into increasingly details level.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-	It give relationship of functions in hierarchical manner.
	manner.
	La supindost teads bodytought the
	VTOC consist of 3 parts:
	a) Hierarchy Chart:
	Vtoc consist of 3 parts: a) Hierarchy Chart: which is similare to organization chart
	TEPPEDUS TO PSHEEDING IT
	b) Legends: Indicates how symbols are used in hierarchy chart.
	Indicates how symbols are used in hierarchy chart.
H	c) Contents:
270	Indicates brief decription of each module specified
	in organization chart.
	noit smaller
	HIPO chart read of from top to to down sp
H	left to eight.

	Co	llege	Payroll	System			2,09	T (8)
Input	Calcul	ate Attendence	e &		Grenera	te	Regon	t Module
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		7		· voita	2230038		that tool	Pay slip
Calcu Attend 2-1.	ence	Calculate leave 2.2.	verity leave 2.3.	Calculate Gross sala 3.1.		Deduction 3.2.	84 A000	Bank statem Pay register Salary summ
		tugal a	Hessaxly Legends J.		Calculate	Calculate Advance	Calculate	t sent les
				Calculate Basic Salary 3:1.1.	Asseass 3.1.2	pay 3.2.1.	3.2.2	463
				Calada	ate	Calculate HRA		North S
				3.1.2.1.	e couped	3.1.2.2.		

	20) -T 00 0		1754210						
	ii) IPO:								
	- Input Process Output = IPO								
game.									
- Each function in HIPO chart is further describe through IPO chart.									
								describe Thro	ugh Ito chace
-									
	Iro chart contain 3 boxes representing								
7-1	input, process, putput								
-	IPO chart for college Payroll system is as follow.								
	no chart le	congo de							
	Input	Process	output						
	deletate 4	- selections	1						
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	Emp details	Calculate Attendence	Pay Register						
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	leaves	Coloulate A9H	AC						
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1			Summary Report						
		Calculate	Report						
-		Netsalary							
		Prepare							
		pay							
		Register							
	,								

The HIFO chart answer following questions 1) What does the System on modules do? 2) How does it do it? 3) what are input or output? Advantages of HTPO: It allow program to be easily understand. It is a design, develop or documentation tool (3D tool) It is top down approch going for succesive level or greater details. Error can be detected of isolated on functional It clearly indecates what input, processing and output are involve in each programming module. It design computer program in a module that can be individually assigned, designed and tested - It is a management tool because functional approch allow planning and scheduling to be made accuratly and early in some. Esoftware Development life egte.

Dis advantages à James June Start and extra documentation belor beyond HIPO required flow chart. Isaining is necessary for programmer before HIPO Chart concentrate more on what is to be sather than how it is to be accomplished accomplished,